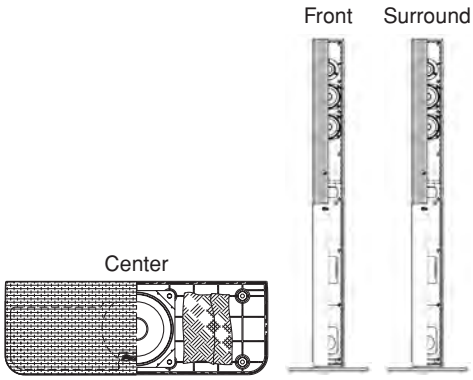
Pioneer sound.vision.soul

Service Manual



ORDER NO.
RRV3409

SPEAKER SYSTEM

S-FCR4700 XJC/E

S-FCR4700 XTW/UC

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 – Proposition 65

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1. REASSEMBLY AND DISASSEMBLY PRECAUTIONS

1.1 FRONT, SURROUND SPEAKER

● **GRILLE**

The grille is attached to the cabinet by its bosses applied with adhesive.
To detach it, pry it open by inserting a flat blade screwdriver into lower right and lower left slot.
To attach it, apply adhesive to the holes on the baffle. Then press it to the baffle.

CAUTION

There are 10 bosses for press-fitting at the grille. To detach the grille, remove in order from lower bosses. (Refer to the figure in page 4.) In order not to damage the bosses, don't remove it forcibly. Pry it open little by little. Be sure to insert a flat blade screwdriver from just beside of its bosses.

● **WOOFER**

The woofer is attached to the baffle by 4 external screws.
To detach it, unfasten those screws.
To detach it, first remove the grille. Then remove the screws.
When attaching it, face its terminal downward.

● **TWEETER**

The tweeter is attached to the baffle by 3 external screws.
To detach it, unfasten those screws.
To detach it, first remove the grille. Then remove the screws.
When attaching it, face its terminal leftward and rightward.

1.2 CENTER SPEAKER

● **GRILLE**

The grille assy is attached to the cabinet by 8 external screws.
To detach it, unfasten those screws.

● **SPEAKER UNIT**

The speaker unit, together with the grille assy, is attached to the cabinet by 4 external screws.
To detach it, first remove the grille assy. Next remove the cabinet. Then remove the cable.
When attaching it, face its terminal toward the input terminal.

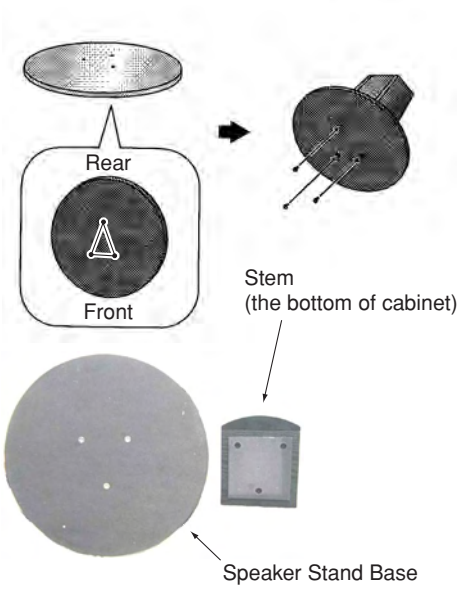
● **COSMETIC PANEL**

The cosmetic panel is attached to the baffle by its bosses.
To detach it, pry it open by inserting a flat blade screwdriver into lower slot.
To detach it, first remove the speaker stand base and grille. Then remove the cosmetic panel.
When attaching it, fit the boss into the hole on the baffle.

● **SPEAKER STAND BASES**

The speaker stand base is attached to the bottom of cabinet by 3 external screws.
To detach it, unfasten those screws.

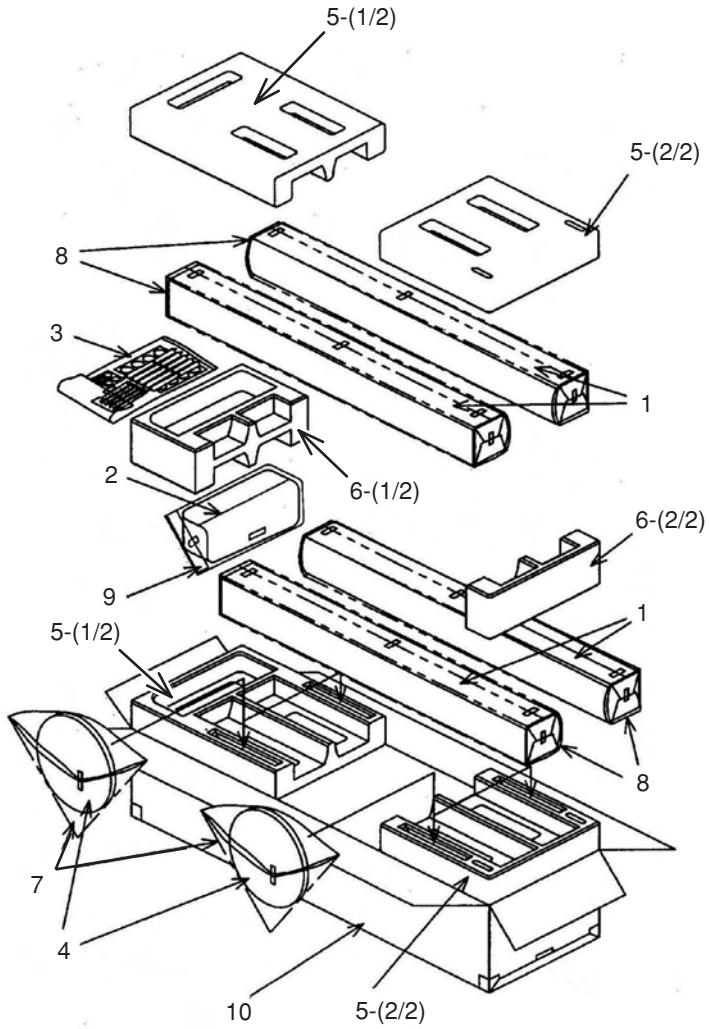
Attach the speaker stand bases to the stems using the screws provided. Once you have aligned the stem and base, secure with the small screws at the points shown below. Note that the speaker should face in the direction of the base of the isosceles triangle (outlined below).



2. EXPLODED VIEWS AND PARTS LIST

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*

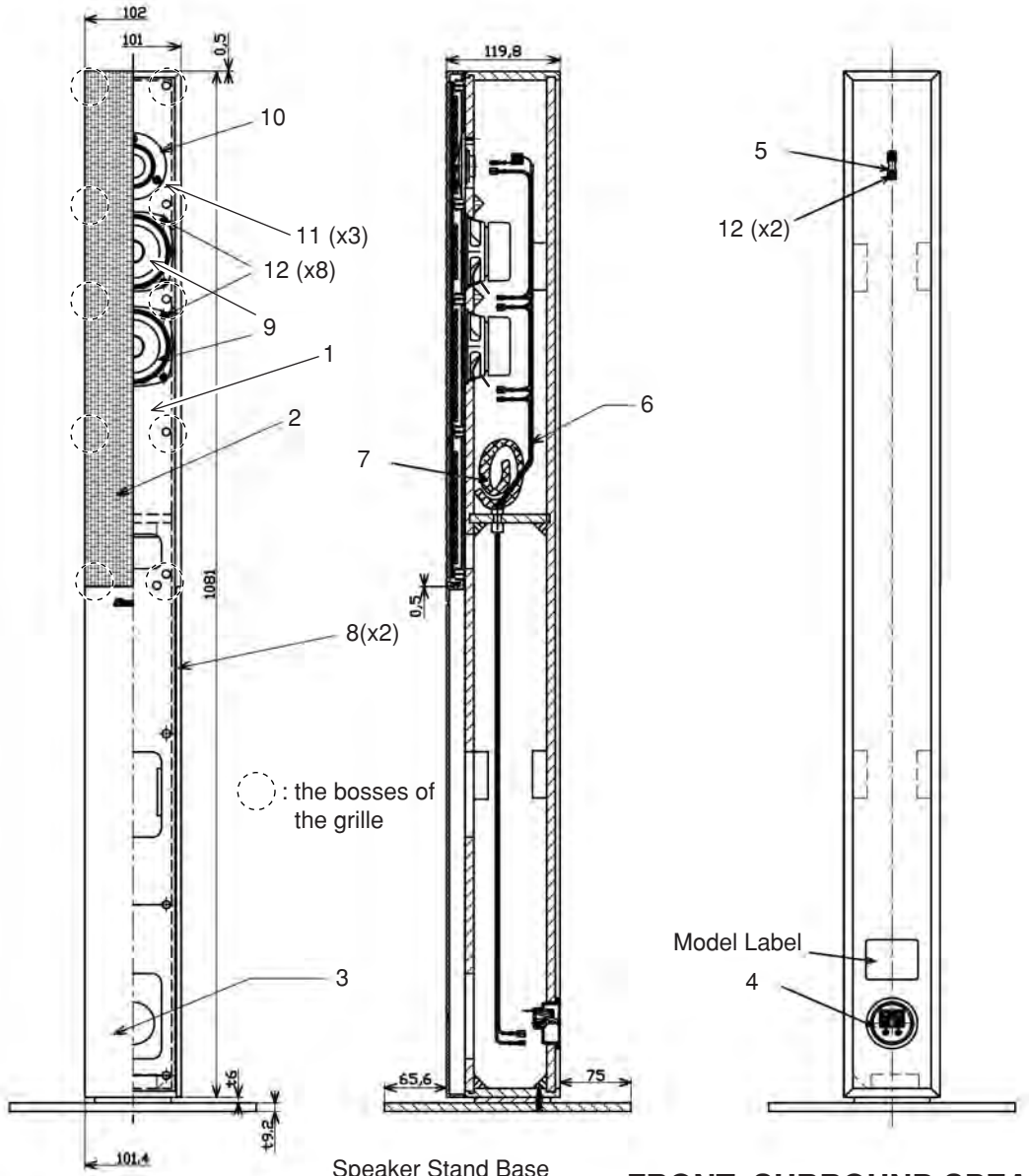
2.1 PACKING



PACKING Parts List

Mark	No.	Description	Part No.
NSP	1	Front, Surround Speaker	SMW6205
NSP	2	Center Speaker	SMW6206
NSP	3	Accessory Set	SME6086
		├ Speaker Cord (FL: White)	SDS6037
		├ Speaker Cord (FR: Red)	SDS6038
		├ Speaker Cord (SL: Blue)	SDS6039
		├ Speaker Cord (SR: Gray)	SDS6040
		├ Speaker Cord (C: Green)	SDS1173
NSP		├ Screw Set	SME6071
		│ ├ Screw (for Speaker Stand Base)	CYC40P250FTC
		│ └ Polyethylene Bag S0	SHL1314
		├ Non Skid Pad (Large) (for Speaker Stand Base)	SEP6014
		├ Non Skid Pad (Small) (for Center Speaker)	SEP6017
		└ Polyethylene Bag S2	SHL1251
	4	Speaker Stand Base	SMS6027
	5	Protector	SHA6110
	6	Protector (Middle)	SHA6111
	7	Protection Sheet	SHC6051
	8	Protection Sheet	SHC6052
	9	Polyethylene Bag S2	SHL1417
for XJC/E type			
	10	Packing Case	SHG6233
NSP		Model Label (FL)	SAN6396
NSP		Model Label (FR)	SAN6397
NSP		Model Label (SL)	SAN6398
NSP		Model Label (SR)	SAN6399
NSP		Model Label (C)	SAN6400
for XTW/UC type			
	10	Packing Case	SHG6229
NSP		Model Label (FL)	SAN6382
NSP		Model Label (FR)	SAN6383
NSP		Model Label (SL)	SAN6384
NSP		Model Label (SR)	SAN6385
NSP		Model Label (C)	SAN6386

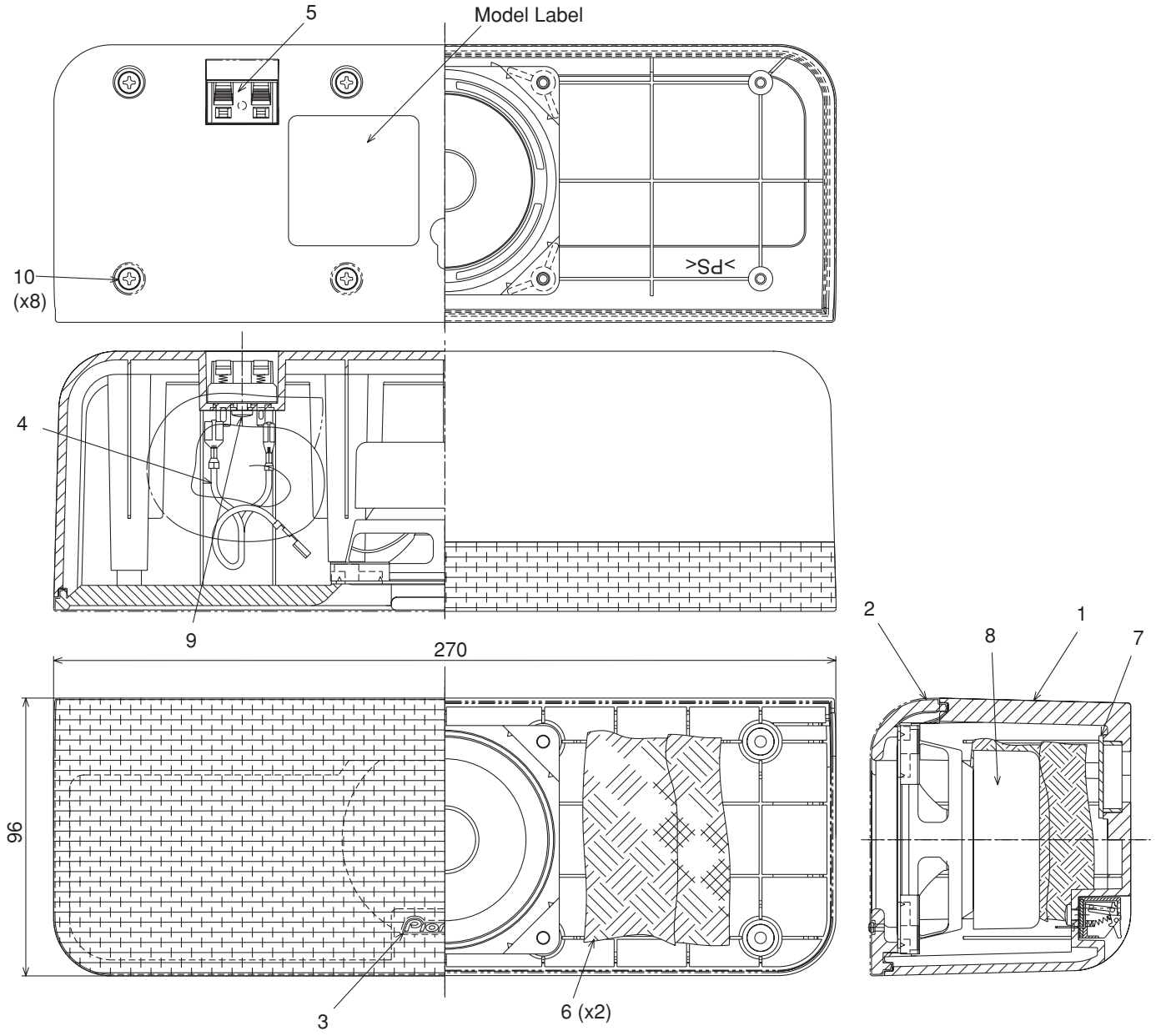
2.2 FRONT, SURROUND SPEAKER



FRONT, SURROUND SPEAKER Parts List

Mark	No.	Description	Part No.
NSP	1	Cabinet	SMM6043
	2	Grille	SMG6109
NSP		├ Grille Cloth	SAS6068
NSP		└ Grille Frame	SMH6017
	3	Cosmetic Plate Assy	SXB6004
NSP		├ Badge	SAM1507
NSP		└ Cosmetic Plate	SNK6131
	4	Input Terminal	SKX1060
	5	Fastener	SNB1073
	6	Network Assy	SWN6021
NSP	7	Acoustic Absorbent	SMT6015
	8	Packing	SEC6083
	9	Speaker (Woofer)	K77DC55-51L
	10	Speaker (Tweeter)	FK26AP32-54L
	11	Screw (for Tweeter)	BYC35P160FTB
	12	Screw (for Woofer, Fastener)	BYC35P120FTB

2.3 CENTER SPEAKER

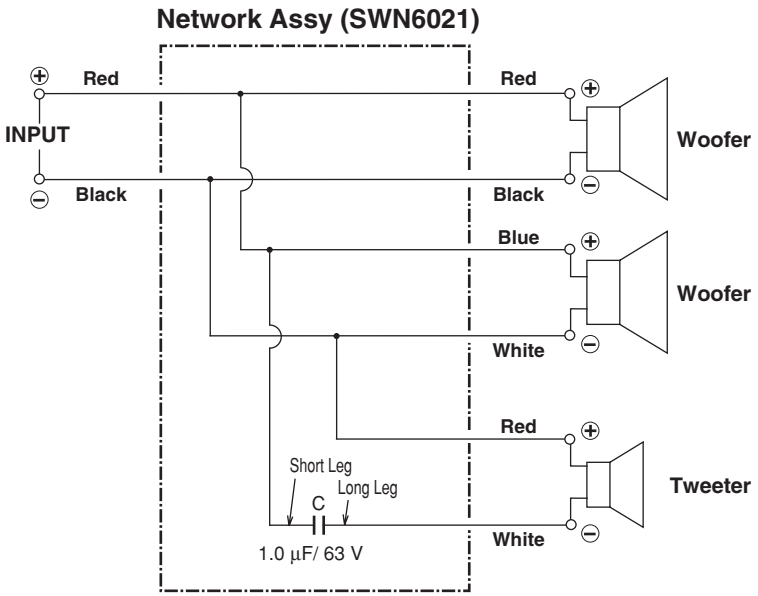


CENTER SPEAKER Parts List

Mark	No.	Description	Part No.
NSP	1	Cabinet	SNK2925
	2	Grille	SMG1868
NSP	3	├ Badge 28	SAM1506
NSP		├ Grille Cloth	SAS1607
NSP		└ Baffle	SNK2926
	4	Connecting Cord	SDD1345
	5	Input Terminal	SKX1096
NSP	6	Acoustic Absorbent (White)	SMT1293
NSP	7	Plastic Cap	SNK2790
	8	Speaker	K77DC55-52F
	9	Screw	BPZ35P080FTC
	10	Screw	BPZ35P120FTB

3. SCHEMATIC DIAGRAM

3.1 FRONT, SURROUND SPEAKER



3.2 CENTER SPEAKER